

We claim:

1. A method for inhibiting the activity of MMTV-like retrovirus reverse transcriptase comprising contacting the retrovirus with an effective amount of adefovir or tenofovir.
2. A method for inhibiting the replication of MMTV-like retroviruses comprising contacting the retrovirus with an effective amount of adefovir or tenofovir.
3. A method for treating mammalian breast cancer comprising administering an effective amount of adefovir or tenofovir.
4. A method for treating human primary biliary cirrhosis comprising administering an effective amount of adefovir or tenofovir.
5. A method for treating mammalian breast cancer comprising administering from about 10 mg to about 100 mg of adefovir dipivoxil.
6. A method for treating human primary biliary cirrhosis comprising administering from about 10 mg to about 100 mg of adefovir dipivoxil.
7. A method for treating mammalian breast cancer comprising administering from about 10 mg to about 1000 mg of tenofovir disoproxil fumarate.
8. A method for treating human primary biliary cirrhosis comprising administering from about 10 mg to about 1000 mg of tenofovir disoproxil fumarate.
9. A method of claims 4 to 8 further comprising administering a second therapeutic agent.